
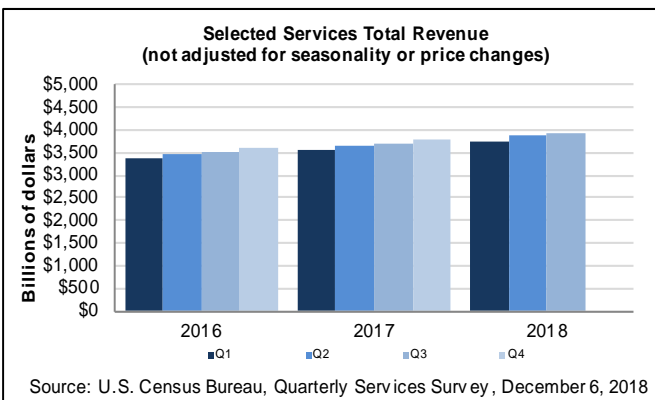


## QUARTERLY SELECTED SERVICES ESTIMATES, THIRD QUARTER 2018

Release Number: CB18-188

**December 6, 2018** — The U.S. Census Bureau announced the following selected services estimates for the third calendar quarter of 2018:

 SELECTED SERVICES TOTAL REVENUE		
3Q 2018	\$3,938.0 billion	+1.9 %
2Q 2018	\$3,863.1 billion	+3.2 %
Next release: February 19, 2019		
Data are not adjusted for seasonality or price changes. Source: U.S. Census Bureau, Quarterly Services Survey, December 6, 2018		



### Selected Services Total

U.S. selected services total revenue for the third quarter of 2018, not adjusted for seasonal variation or price changes, was \$3,938.0 billion, an increase of 1.9 percent ( $\pm 0.4$  percent) from the second quarter of 2018 and up 6.3 percent ( $\pm 0.4$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 2.0 percent ( $\pm 0.4$  percent).

### Information

U.S. information sector revenue for the third quarter of 2018, adjusted for seasonal variation but not for price changes, was \$433.8 billion, an increase of 1.9 percent ( $\pm 0.4$  percent) from the second quarter of 2018 and up 8.4 percent ( $\pm 1.1$  percent) from the third quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from 2.6 percent ( $\pm 0.2$  percent) to 2.7 percent ( $\pm 0.2$  percent).

### Professional, scientific, and technical services

U.S. professional, scientific, and technical services revenue for the third quarter of 2018, adjusted for seasonal variation but not for price changes, was \$467.0 billion, an increase of 1.2 percent ( $\pm 1.5$  percent)\* from the second quarter of 2018 and up 6.4 percent ( $\pm 2.3$  percent) from the third quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was not revised from 2.0 percent ( $\pm 1.1$  percent).

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## **Administrative and support and waste management and remediation services**

U.S. administrative and support and waste management and remediation services revenue for the third quarter of 2018, adjusted for seasonal variation but not for price changes, was \$255.9 billion, an increase of 2.5 percent ( $\pm 1.3$  percent) from the second quarter of 2018 and up 7.1 percent ( $\pm 3.2$  percent) from the third quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was not revised from 2.4 percent ( $\pm 1.3$  percent).

## **Utilities**

U.S. utilities revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$161.8 billion, an increase of 15.0 percent ( $\pm 2.1$  percent) from the second quarter of 2018 and up 3.0 percent ( $\pm 0.9$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 15.1 percent ( $\pm 2.3$  percent).

## **Transportation and warehousing**

U.S. transportation and warehousing revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$246.8 billion, an increase of 1.1 percent ( $\pm 0.8$  percent) from the second quarter of 2018 and up 6.3 percent ( $\pm 1.7$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 1.2 percent ( $\pm 0.9$  percent).

## **Finance and insurance**

U.S. finance and insurance revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$1,230.8 billion, an increase of 1.9 percent ( $\pm 0.8$  percent) from the second quarter of 2018 and up 7.6 percent ( $\pm 1.3$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 1.8 percent ( $\pm 0.6$  percent).

## **Real estate and rental and leasing**

U.S. real estate and rental and leasing revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$184.8 billion, an increase of 3.2 percent ( $\pm 1.9$  percent) from the second quarter of 2018 and up 7.4 percent ( $\pm 2.7$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 3.0 percent ( $\pm 2.1$  percent).

## **Educational services**

U.S. educational services revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$18.0 billion, a decrease of 2.5 percent ( $\pm 4.2$  percent)\* from the second quarter of

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2018 and up 6.0 percent ( $\pm 5.3$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of -2.5 percent ( $\pm 4.0$  percent)\*.

#### **Health care and social assistance**

U.S. health care and social assistance revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$659.0 billion, virtually unchanged ( $\pm 0.4$  percent)\* from the second quarter of 2018 and up 4.7 percent ( $\pm 0.8$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 0.1 percent ( $\pm 0.4$  percent)\*.

#### **Arts, entertainment, and recreation**

U.S. arts, entertainment, and recreation revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$75.8 billion, an increase of 7.5 percent ( $\pm 4.0$  percent) from the second quarter of 2018 and up 4.1 percent ( $\pm 3.0$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 8.1 percent ( $\pm 4.0$  percent).

#### **Accommodation**

U.S. accommodation revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$66.1 billion, an increase of 0.1 percent ( $\pm 0.9$  percent)\* from the second quarter of 2018 and down 2.4 percent ( $\pm 1.5$  percent) from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of -0.2 percent ( $\pm 0.9$  percent)\*.

#### **Other services (except public administration)**

U.S. other services (except public administration) revenue for the third quarter of 2018, not adjusted for seasonal variation, or price changes, was \$146.4 billion, an increase of 5.8 percent ( $\pm 2.8$  percent) from the second quarter of 2018 and up 2.7 percent ( $\pm 2.8$  percent)\* from the third quarter of 2017. The second quarter of 2018 to third quarter of 2018 percentage change was revised from the advance estimate of 5.7 percent ( $\pm 2.8$  percent).

### **GENERAL INFORMATION**

#### **Intention to Expand Seasonal Adjustment**

Beginning with the February 2019 advance release for the fourth quarter of 2018, we anticipate the introduction of new seasonally adjusted estimates of Selected Services Total revenue into the Advance Quarterly Services Report. Beginning with the March 2019 release for the fourth quarter of 2018, we

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anticipate the introduction of new seasonally adjusted estimates of Selected Services Total revenue and revenue for selected industries within NAICS sectors 22, 48-49, 51, and 54 into the Full Quarterly Services Report. For more information, please visit our seasonal adjustment FAQs:

<[https://www.census.gov/services/qss/seasonally\\_adjusted\\_faqs.html](https://www.census.gov/services/qss/seasonally_adjusted_faqs.html)>.

### Upcoming Benchmarking

Effective with the February 2019 release for the fourth quarter of 2018, quarterly services estimates will be revised based on the results of the 2017 Service Annual Survey.

### Release Schedule

The fourth quarter 2018 Advance Quarterly Services Report is scheduled for release on February 19, 2019.

View the full schedule in the Economic Briefing Room: <[www.census.gov/economic-indicators/](http://www.census.gov/economic-indicators/)>.

Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at <[www.census.gov/services/](http://www.census.gov/services/)>.

## RESOURCES

### API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

<[www.census.gov/developers/](http://www.census.gov/developers/)>

### FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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\*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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**Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted<sup>1</sup>**

[Estimates are adjusted for seasonal variation but not for price change and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>2</sup>	Kind of business	Total revenue (millions of dollars)						Percent change					
		3Q 2018 (p)	2Q 2018 (r)	1Q 2018 (r)	4Q 2017 (r)	3Q 2017 (r)	2Q 2017 (r)	3Q 2018 from 2Q 2018 (p)	2Q 2018 from 1Q 2018 (r)	1Q 2018 from 4Q 2017 (r)	4Q 2017 from 3Q 2017 (r)	3Q 2018 from 3Q 2017 (p)	2Q 2018 from 2Q 2017 (r)
<b>51</b>	<b>Information .....</b>	<b>433,753</b>	<b>425,587</b>	<b>414,560</b>	<b>406,213</b>	<b>399,966</b>	<b>391,885</b>	<b>1.9</b>	<b>2.7</b>	<b>2.1</b>	<b>1.6</b>	<b>8.4</b>	<b>8.6</b>
5112	Software publishers.....	69,288	67,916	65,158	60,273	61,406	57,755	2.0	4.2	8.1	-1.8	12.8	17.6
512	Motion picture and sound recording industries .....	29,072	29,589	27,521	26,691	26,582	26,171	-1.7	7.5	3.1	0.4	9.4	13.1
<b>54</b>	<b>Professional, scientific, and technical services <sup>3</sup> .....</b>	<b>466,964</b>	<b>461,499</b>	<b>452,257</b>	<b>445,357</b>	<b>439,034</b>	<b>438,554</b>	<b>1.2</b>	<b>2.0</b>	<b>1.5</b>	<b>1.4</b>	<b>6.4</b>	<b>5.2</b>
5411	Legal services <sup>3</sup> .....	78,553	77,967	74,938	74,695	71,538	72,396	0.8	4.0	0.3	4.4	9.8	7.7
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	45,091	44,217	44,935	44,399	42,771	44,457	2.0	-1.6	1.2	3.8	5.4	-0.5
<b>56</b>	<b>Administrative and support and waste management and remediation services <sup>4</sup> .....</b>	<b>255,923</b>	<b>249,623</b>	<b>243,715</b>	<b>241,097</b>	<b>238,903</b>	<b>236,524</b>	<b>2.5</b>	<b>2.4</b>	<b>1.1</b>	<b>0.9</b>	<b>7.1</b>	<b>5.5</b>
5613	Employment services .....	106,964	102,510	97,470	96,415	97,445	95,935	4.3	5.2	1.1	-1.1	9.8	6.9
5615	Travel arrangement and reservation services .....	11,849	11,755	11,103	11,086	11,459	11,019	0.8	5.9	0.2	-3.3	3.4	6.7
561 pt	Other administrative and support services <sup>5</sup> .....	112,309	111,052	110,836	109,765	106,177	105,756	1.1	0.2	1.0	3.4	5.8	5.0
562	Waste management and remediation services .....	24,801	24,306	24,306	23,831	23,822	23,814	2.0	Z	2.0	Z	4.1	2.1
<b>622</b>	<b>Hospitals.....</b>	<b>288,670</b>	<b>284,351</b>	<b>279,568</b>	<b>279,566</b>	<b>276,134</b>	<b>271,900</b>	<b>1.5</b>	<b>1.7</b>	<b>Z</b>	<b>1.2</b>	<b>4.5</b>	<b>4.6</b>

(p) Preliminary estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.

(2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(3) Excludes NAICS 54112 (Offices of notaries).

(4) Seasonally adjusted estimates for NAICS 56 are obtained by summing the seasonally adjusted estimates for 5613, 5615, 561pt, and 562.

(5) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

**Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted**

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2018 (p)	2Q 2018	1Q 2018	4Q 2017	3Q 2017	2Q 2017	3Q 2018 from 2Q 2018 (p)	2Q 2018 from 1Q 2018	3Q 2018 from 3Q 2017 (p)	2Q 2018 from 2Q 2017	2018 (p)	2017	2018 from 2017 (p)
	<b>Selected Services Total<sup>2</sup></b>	<b>3,938,043</b>	<b>3,863,054</b>	<b>3,744,732</b>	<b>3,793,685</b>	<b>3,704,477</b>	<b>3,667,361</b>	<b>1.9</b>	<b>3.2</b>	<b>6.3</b>	<b>5.3</b>	<b>11,545,829</b>	<b>10,933,295</b>	<b>5.6</b>
<b>22</b>	<b>Utilities<sup>3</sup></b>	<b>161,767</b>	<b>140,672</b>	<b>157,418</b>	<b>144,325</b>	<b>156,994</b>	<b>138,066</b>	<b>15.0</b>	<b>-10.6</b>	<b>3.0</b>	<b>1.9</b>	<b>459,857</b>	<b>444,902</b>	<b>3.4</b>
2211	Electric power generation, transmission and distribution	137,890	114,818	112,365	109,284	134,196	113,059	20.1	2.2	2.8	1.6	365,073	357,776	2.0
2212	Natural gas distribution	19,390	22,127	41,636	31,332	18,472	21,352	-12.4	-46.9	5.0	3.6	83,153	75,842	9.6
2213	Water, sewage and other systems	4,487	3,727	3,417	3,709	4,326	3,655	20.4	9.1	3.7	2.0	11,631	11,284	3.1
<b>48-49</b>	<b>Transportation and warehousing<sup>4</sup></b>	<b>246,754</b>	<b>243,975</b>	<b>224,300</b>	<b>229,542</b>	<b>232,174</b>	<b>231,425</b>	<b>1.1</b>	<b>8.8</b>	<b>6.3</b>	<b>5.4</b>	<b>715,029</b>	<b>677,753</b>	<b>5.5</b>
481	Air transportation	55,094	54,795	47,872	49,306	52,351	52,592	0.5	14.5	5.2	4.2	157,761	150,765	4.6
483	Water transportation	13,913	11,814	10,701	11,142	12,968	10,664	17.8	10.4	7.3	10.8	36,428	33,638	8.3
4831	Deep sea, coastal, and Great Lakes water transportation	11,846	9,824	8,963	9,171	11,012	8,831	20.6	9.6	7.6	11.2	30,633	27,945	9.6
4832	Inland water transportation	2,067	1,990	1,738	1,971	1,956	1,833	3.9	14.5	5.7	8.6	5,795	5,693	1.8
484	Truck transportation	73,770	72,879	65,791	66,785	69,168	68,512	1.2	10.8	6.7	6.4	212,440	200,177	6.1
4841	General freight trucking	47,519	46,789	43,182	43,255	44,067	43,470	1.6	8.4	7.8	7.6	137,490	128,038	7.4
48412	General freight trucking, long-distance	41,074	39,999	36,968	36,903	37,112	36,142	2.7	8.2	10.7	10.7	118,041	107,133	10.2
4842	Specialized freight trucking	26,251	S	22,609	23,530	25,101	25,042	S	S	4.6	S	S	72,139	S
485	Transit and ground passenger transportation	8,669	9,770	9,171	9,656	8,522	9,826	-11.3	6.5	1.7	-0.6	27,610	27,634	-0.1
486	Pipeline transportation	12,571	11,934	12,589	12,522	11,319	11,098	5.3	-5.2	11.1	7.5	37,094	34,037	9.0
487	Scenic and sightseeing transportation	1,613	1,124	606	833	1,742	1,077	43.5	85.5	-7.4	4.4	3,343	3,363	-0.6
488	Support activities for transportation	47,855	48,654	45,560	45,835	45,439	47,036	-1.6	6.8	5.3	3.4	142,069	137,135	3.6
492	Couriers and messengers	23,043	23,112	22,645	23,727	21,334	21,410	-0.3	2.1	8.0	7.9	68,800	63,683	8.0
493	Warehousing and storage	10,226	9,893	9,365	9,736	9,331	9,210	10.2	5.6	9.6	7.4	29,484	27,321	7.9
<b>51</b>	<b>Information<sup>6</sup></b>	<b>426,379</b>	<b>421,757</b>	<b>407,098</b>	<b>424,086</b>	<b>392,767</b>	<b>388,358</b>	<b>1.1</b>	<b>3.6</b>	<b>8.6</b>	<b>8.6</b>	<b>1,255,234</b>	<b>1,161,713</b>	<b>8.1</b>
511	Publishing industries (except Internet)	88,915	90,512	85,424	89,512	81,595	80,539	-1.8	6.0	9.0	12.4	264,851	238,695	11.0
51111	Newspaper publishers	5,757	5,916	5,710	6,640	5,819	6,016	-2.7	3.6	-1.1	-1.7	17,383	17,682	-1.7
51112	Periodical publishers	6,564	6,534	S	7,164	6,893	7,036	0.5	S	-4.8	-7.1	S	20,452	S
5111 pt	Book, directory and mailing list, and other publishers <sup>5</sup>	11,394	10,350	8,861	10,854	11,161	9,963	10.1	16.8	2.1	3.9	30,605	29,671	3.1
5112	Software publishers	65,200	67,712	64,376	64,854	57,722	57,524	-3.7	5.2	13.0	17.7	197,288	170,890	15.4
512	Motion picture and sound recording industries	27,880	29,175	27,659	28,106	25,492	25,726	-4.4	5.5	9.4	13.4	84,714	78,385	8.1
515	Broadcasting (except Internet)	42,401	42,283	42,116	44,281	38,915	39,868	0.3	0.4	9.0	6.1	126,800	118,192	7.3
5151	Radio and television broadcasting	20,483	19,911	20,018	21,628	18,021	18,807	2.9	-0.5	13.7	5.9	60,412	55,405	9.0
5152	Cable and other subscription programming	21,918	22,372	22,098	22,653	20,894	21,061	-2.0	1.2	4.9	6.2	66,388	62,787	5.7
517	Telecommunications	165,200	161,563	159,715	165,097	159,801	158,897	2.3	1.2	3.4	1.7	486,478	475,834	2.2
5171	Wired telecommunications carriers	83,181	82,503	81,810	83,320	82,619	82,639	0.8	0.8	0.7	-0.2	247,494	247,222	0.1
5172	Wireless telecommunications carriers (except satellite)	69,015	66,616	65,699	69,814	65,398	64,955	3.6	1.4	5.5	2.6	201,330	194,455	3.5
517 pt	Other telecommunications <sup>6</sup>	13,004	12,444	12,206	11,963	11,784	11,303	4.5	1.9	10.4	10.1	37,654	34,157	10.2
518	Data processing, hosting, and related services	47,905	46,313	43,721	44,251	40,977	39,029	3.4	5.9	16.9	18.7	137,939	117,315	17.6
519	Other information services	54,078	51,911	48,463	52,839	45,987	44,299	4.2	7.1	17.6	17.2	154,452	133,292	15.9
<b>52</b>	<b>Finance and insurance<sup>7</sup></b>	<b>1,230,799</b>	<b>1,208,190</b>	<b>1,192,632</b>	<b>1,168,395</b>	<b>1,143,556</b>	<b>1,134,023</b>	<b>1.9</b>	<b>1.3</b>	<b>7.6</b>	<b>6.5</b>	<b>3,631,621</b>	<b>3,385,773</b>	<b>7.3</b>
52 pt	Finance and insurance (except monetary authorities-central bank) <sup>8</sup>	1,202,960	1,180,005	1,163,280	1,139,230	1,115,132	1,104,004	1.9	1.4	7.9	6.9	3,546,245	3,298,173	7.5
521	Monetary authorities-central bank	27,839	28,185	29,352	29,165	28,424	30,019	-1.2	-4.0	-2.1	-6.1	85,376	87,600	-2.5
522	Credit intermediation and related activities	343,501	336,000	322,952	318,489	313,348	306,019	2.2	4.0	9.6	9.8	1,002,453	915,146	9.5
5221	Depository credit intermediation	161,053	156,557	149,511	147,116	143,354	139,864	2.9	4.7	12.3	11.9	467,121	416,633	12.1
5222	Nondepository credit intermediation	155,178	152,725	148,096	144,722	144,518	140,740	1.6	3.1	7.4	8.5	455,999	423,272	7.7
5223	Activities related to credit intermediation	27,270	26,718	25,345	26,651	25,476	25,415	2.1	5.4	7.0	5.1	79,333	75,241	5.4
523	Securities, commodity contracts, and other financial investments and related activities	177,863	177,171	179,732	171,238	164,473	163,086	0.4	-1.4	8.1	8.6	534,766	491,358	8.8
5231	Securities and commodity contracts intermediation and brokerage	81,289	81,807	84,628	72,774	72,321	72,866	-0.6	-3.3	12.4	12.3	247,724	219,517	12.8
5232	Securities and commodity exchanges	3,074	3,354	3,617	3,044	2,997	3,127	-8.3	-7.3	2.6	7.3	10,045	9,240	8.7
5239	Other financial investment activities	93,500	92,010	91,487	95,420	89,155	87,093	1.6	0.6	4.9	5.6	276,997	262,601	5.5
524	Insurance carriers and related activities	681,596	666,834	660,596	649,503	637,311	634,899	2.2	0.9	6.9	5.0	2,009,026	1,891,669	6.2
5241	Insurance carriers	586,501	572,262	565,565	555,702	546,717	545,809	2.5	1.2	7.3	4.8	1,724,328	1,623,861	6.2
5242	Agencies, brokerages, and other insurance related activities	95,095	94,572	95,031	93,801	90,594	89,090	0.6	-0.5	5.0	6.2	284,698	267,808	6.3
<b>53</b>	<b>Real estate and rental and leasing</b>	<b>184,789</b>	<b>179,060</b>	<b>164,535</b>	<b>175,042</b>	<b>172,036</b>	<b>170,428</b>	<b>3.2</b>	<b>8.8</b>	<b>7.4</b>	<b>5.1</b>	<b>528,384</b>	<b>499,372</b>	<b>5.8</b>
531	Real estate	127,437	124,177	113,550	120,940	119,396	118,963	2.6	9.4	6.7	4.4	365,164	348,063	4.9
5311	Lessors of real estate	71,932	69,395	67,934	68,480	66,905	65,915	3.7	2.2	7.5	5.3	209,261	197,185	6.1
5312	Offices of real estate agents and brokers	29,675	30,626	22,882	29,009	29,256	30,046	-3.1	33.8	1.4	1.9	83,183	82,618	0.7
5313	Activities related to real estate	S	24,156	22,734	23,451	23,235	23,002	S	6.3	S	5.0	S	68,260	S
532	Rental and leasing services	46,395	43,264	40,651	42,152	42,029	40,920	7.2	6.4	10.4	5.7	130,310	120,628	8.0
5321	Automotive equipment rental and leasing	17,111	15,405	14,248	14,875	15,755	14,598	11.1	8.1	8.6	5.5	46,764	43,716	7.0
53211	Passenger car rental and leasing	11,455	10,138	9,493	9,817	10,616	9,641	13.0	6.8	7.9	5.2	31,086	29,245	6.3
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	5,656	5,267	4,755	5,058	5,139	4,957	7.4	10.8	10.1	6.3	15,678	14,471	8.3
5322	Consumer goods rental	5,773	5,751	5,361	5,398	5,623	5,828	0.4	7.3	2.7	-1.3	16,885	17,107	-1.3
5323	General rental centers	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing	22,563	21,155	20,364	21,034	19,791	19,687	6.7	3.9	14.0	7.5	64,082	57,555	11.3
533	Lessors of nonfinancial intangible assets (except copyrighted works)	10,957	11,619	10,334	11,950	10,611	10,545	-5.7	12.4	3.3	10.2	32,910	30,681	7.3

**Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted**

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2018 (p)	2Q 2018	1Q 2018	4Q 2017	3Q 2017	2Q 2017	3Q 2018 from 2Q 2018 (p)	2Q 2018 from 1Q 2018	3Q 2018 from 3Q 2017 (p)	2Q 2018 from 2Q 2017	2018 (p)	2017	2018 from 2017 (p)
<b>54</b>	<b>Professional, scientific, and technical services <sup>9</sup></b>	<b>462,294</b>	<b>466,114</b>	<b>443,212</b>	<b>453,819</b>	<b>435,083</b>	<b>442,940</b>	<b>-0.8</b>	<b>5.2</b>	<b>6.3</b>	<b>5.2</b>	<b>1,371,620</b>	<b>1,308,876</b>	<b>4.8</b>
5411	Legal services <sup>9</sup>	78,082	77,421	66,545	83,808	71,323	71,889	0.9	16.3	9.5	7.7	222,048	208,425	6.5
5412	Accounting, tax preparation, bookkeeping, and payroll services	39,951	47,047	53,203	38,405	38,023	47,347	-15.1	-11.6	5.1	-0.6	140,201	136,995	2.3
5413	Architectural, engineering, and related services	79,618	79,061	77,273	75,059	77,260	75,448	0.7	2.3	3.1	4.8	235,952	226,694	4.1
5413 pt	Architectural and related services <sup>10</sup>	18,129	17,208	16,897	15,982	17,031	17,573	5.4	1.8	6.4	-2.1	52,234	51,725	1.0
54133	Engineering services	61,489	61,853	60,376	59,077	60,229	57,875	-0.6	2.4	2.1	6.9	183,718	174,969	5.0
5414	Specialized design services	6,433	6,376	5,485	6,167	5,895	6,202	0.9	16.2	9.1	2.8	18,294	17,958	1.9
5415	Computer systems design and related services	103,305	100,555	95,283	97,025	95,877	96,681	2.7	5.5	7.7	4.0	299,143	285,603	4.7
5416	Management, scientific, and technical consulting services	70,196	68,806	66,264	69,324	67,154	64,782	2.0	3.8	4.5	6.2	205,266	195,411	5.0
5417	Scientific research and development services	36,843	36,802	33,533	35,631	33,376	33,159	0.1	9.7	10.4	11.0	107,178	98,943	8.3
5418	Advertising, public relations, and related services	26,697	27,324	25,265	28,113	26,111	26,654	-2.3	8.1	2.2	2.5	79,286	78,580	0.9
5419	Other professional, scientific, and technical services	S	22,722	20,361	20,287	20,064	20,778	S	11.6	S	9.4	S	60,267	S
<b>56</b>	<b>Administrative and support and waste management and remediation services</b>	<b>259,942</b>	<b>250,984</b>	<b>237,019</b>	<b>242,518</b>	<b>242,443</b>	<b>237,833</b>	<b>3.6</b>	<b>5.9</b>	<b>7.2</b>	<b>5.5</b>	<b>747,945</b>	<b>707,435</b>	<b>5.7</b>
561	Administrative and support services	234,273	226,216	213,904	218,782	217,835	213,519	3.6	5.8	7.5	5.9	674,393	636,047	6.0
5613	Employment services	106,857	99,947	96,788	99,790	97,055	93,441	6.9	3.3	10.1	7.0	303,592	285,814	6.2
5615	Travel arrangement and reservation services	12,524	12,108	10,603	10,654	12,055	11,361	3.4	14.2	3.9	6.6	35,235	34,120	3.3
561 pt	Other administrative and support services <sup>11</sup>	114,892	114,161	106,513	108,338	108,725	108,717	0.6	7.2	5.7	5.0	335,566	316,113	6.2
562	Waste management and remediation services	25,669	24,768	23,115	23,736	24,608	24,314	3.6	7.2	4.3	1.9	73,552	71,388	3.0
<b>61</b>	<b>Educational services <sup>12</sup></b>	<b>18,030</b>	<b>18,496</b>	<b>17,026</b>	<b>16,933</b>	<b>17,010</b>	<b>17,601</b>	<b>-2.5</b>	<b>8.6</b>	<b>6.0</b>	<b>5.1</b>	<b>53,552</b>	<b>50,928</b>	<b>5.2</b>
6114	Business schools and computer and management training	3,639	3,376	3,107	3,243	3,377	3,152	7.8	8.7	7.8	7.1	10,122	9,531	6.2
6115	Technical and trade schools	3,595	3,438	3,478	3,545	3,510	3,423	4.6	-1.2	2.4	0.4	10,511	10,372	1.3
6116	Other schools and instruction	6,847	7,072	6,931	6,457	6,356	S	-3.2	2.0	7.7	S	20,850	S	S
6117	Educational support services	3,949	4,610	3,510	3,688	3,767	4,392	-14.3	31.3	4.8	5.0	12,069	11,698	3.2
<b>62</b>	<b>Health care and social assistance</b>	<b>659,032</b>	<b>658,903</b>	<b>644,458</b>	<b>651,331</b>	<b>629,339</b>	<b>630,404</b>	<b>Z</b>	<b>2.2</b>	<b>4.7</b>	<b>4.5</b>	<b>1,962,393</b>	<b>1,883,410</b>	<b>4.2</b>
621	Ambulatory health care services	264,564	263,533	258,117	259,209	252,369	251,942	0.4	2.1	4.8	4.6	786,214	751,055	4.7
6211	Offices of physicians	130,128	128,962	126,177	127,996	124,070	122,757	0.9	2.2	4.9	5.1	385,267	366,552	5.1
6212	Offices of dentists	S	32,388	32,994	30,837	30,888	31,325	S	-1.8	S	3.4	S	S	S
6213	Offices of other health practitioners	S	22,319	21,424	21,871	21,513	S	S	4.2	S	S	S	S	S
6214	Outpatient care centers	35,122	35,734	34,823	35,197	33,505	33,940	-1.7	2.6	4.8	5.3	105,679	100,947	4.7
6215	Medical and diagnostic laboratories	12,576	12,815	12,463	12,862	12,549	12,626	-1.9	2.8	0.2	1.5	37,854	37,494	1.0
6216	Home health care services	21,940	21,573	20,828	20,977	20,309	20,309	1.7	3.6	8.0	6.2	64,341	60,474	6.4
6219	Other ambulatory health care services	9,923	9,742	9,408	9,469	9,535	9,093	1.9	3.6	4.1	7.1	29,073	27,357	6.3
622	Hospitals	284,629	285,488	280,686	281,243	272,268	273,259	-0.3	1.7	4.5	4.5	850,803	818,615	3.9
6221	General medical and surgical hospitals	264,841	265,608	261,138	262,147	253,491	254,543	-0.3	1.7	4.5	4.3	791,587	762,784	3.8
6222	Psychiatric and substance abuse hospitals	6,483	6,598	6,668	6,463	6,167	6,251	-1.7	-1.0	5.1	5.6	19,749	18,745	5.4
6223	Specialty (except psychiatric and substance abuse) hospitals	13,305	13,282	12,880	12,633	12,610	12,465	0.2	3.1	5.5	6.6	39,467	37,086	6.4
623	Nursing and residential care facilities	63,348	62,474	60,246	61,992	60,356	59,028	1.4	3.7	5.0	5.8	186,068	177,856	4.6
624	Social assistance	46,491	47,408	45,409	48,887	44,346	46,175	-1.9	4.4	4.8	2.7	139,308	135,884	2.5
6241	Individual and family services	25,090	25,027	23,594	24,830	22,848	24,303	0.3	6.1	9.8	3.0	73,711	70,818	4.1
6242	Community food and housing, and emergency and other relief services	7,601	8,004	7,510	9,640	8,369	8,212	-5.0	6.6	-9.2	-2.5	23,115	24,643	-6.2
6243	Vocational rehabilitation services	3,722	3,637	3,461	3,583	3,587	3,537	2.3	5.1	3.8	2.8	10,820	10,517	2.9
6244	Child day care services	10,078	10,740	10,844	10,834	9,542	10,123	-6.2	-1.0	5.6	6.1	31,662	29,906	5.9
<b>71</b>	<b>Arts, entertainment, and recreation</b>	<b>75,761</b>	<b>70,508</b>	<b>61,902</b>	<b>69,277</b>	<b>72,783</b>	<b>67,624</b>	<b>7.5</b>	<b>13.9</b>	<b>4.1</b>	<b>4.3</b>	<b>208,171</b>	<b>200,401</b>	<b>3.9</b>
711	Performing arts, spectator sports, and related industries	34,370	31,287	24,866	33,308	32,784	28,648	9.9	25.8	4.8	9.2	90,523	86,693	4.4
7111	Performing arts companies	4,848	4,620	3,864	4,379	4,330	4,140	4.9	19.6	12.0	11.6	13,332	12,442	7.2
7112	Spectator sports	12,014	11,494	8,460	13,359	12,461	10,889	4.5	35.9	-3.6	5.6	31,968	32,400	-1.3
7113	Promoters of performing arts, sports, and similar events	9,291	7,960	6,233	8,310	8,868	7,389	16.7	27.7	4.8	7.7	23,484	22,229	5.6
7114	Agents and managers for artists, athletes, entertainers, and other public figures	S	2,414	2,172	2,421	2,271	1,986	S	11.1	S	21.6	S	6,151	S
7115	Independent artists, writers, and performers	5,741	4,799	4,137	4,839	4,854	4,244	19.6	16.0	18.3	13.1	14,677	13,471	9.0
712	Museums, historical sites, and similar institutions	4,075	3,810	3,204	4,245	3,954	4,106	7.0	18.9	3.1	-7.2	11,089	11,487	-3.5
713	Amusement, gambling, and recreation industries	37,316	35,411	33,832	31,724	36,045	34,870	5.4	4.7	3.5	1.6	106,559	102,221	4.2
7131	Amusement parks and arcades	7,503	6,231	4,464	5,054	6,977	5,881	20.4	39.6	7.5	6.0	18,198	16,783	8.4
7132	Gambling industries	8,082	8,097	8,053	7,579	7,910	7,909	-0.2	0.5	2.2	2.4	24,232	23,747	2.0
7139	Other amusement and recreation industries	S	S	21,315	19,091	21,158	21,080	S	S	S	S	S	61,691	S
<b>721</b>	<b>Accommodation</b>	<b>66,143</b>	<b>66,077</b>	<b>59,023</b>	<b>59,671</b>	<b>67,744</b>	<b>67,517</b>	<b>0.1</b>	<b>12.0</b>	<b>-2.4</b>	<b>-2.1</b>	<b>191,243</b>	<b>195,673</b>	<b>-2.3</b>
7211	Traveler accommodation	63,565	64,049	57,530	58,241	65,189	65,476	-0.8	11.3	-2.5	-2.2	185,144	189,527	-2.3
7212	RV (recreational vehicle) parks and recreational camps	2,144	1,725	1,128	1,059	2,179	1,770	24.3	52.9	-1.6	-2.5	4,997	5,161	-3.2
7213	Rooming and boarding houses	434	303	365	371	376	271	43.2	-17.0	15.4	11.8	1,102	985	11.9



**Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted**[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2018 (p)	2Q 2018	1Q 2018	4Q 2017	3Q 2017	2Q 2017	3Q 2018 from 2Q 2018 (p)	2Q 2018 from 1Q 2018	3Q 2018 from 3Q 2017 (p)	2Q 2018 from 2Q 2017	2018 (p)	2017	2018 from 2017 (p)
<b>81</b>	<b>Other services (except public administration) <sup>13</sup></b>	<b>146,353</b>	<b>138,318</b>	<b>136,109</b>	<b>158,746</b>	<b>142,548</b>	<b>141,142</b>	<b>5.8</b>	<b>1.6</b>	<b>2.7</b>	<b>-2.0</b>	<b>420,780</b>	<b>417,059</b>	<b>0.9</b>
811	Repair and maintenance .....	45,639	46,462	45,143	44,934	43,719	44,324	-1.8	2.9	4.4	4.8	137,244	130,583	5.1
8111	Automotive repair and maintenance .....	\$	\$	29,653	28,733	28,197	28,560	\$	\$	\$	\$	\$	84,277	\$
8112	Electronic and precision equipment repair and maintenance .....	4,689	4,792	4,626	4,429	4,268	4,384	-2.1	3.6	9.9	9.3	14,107	13,146	7.3
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	9,900	10,306	9,034	9,706	9,203	9,266	-3.9	14.1	7.6	11.2	29,240	27,318	7.0
8114	Personal and household goods repair and maintenance .....	1,989	2,149	1,830	2,066	2,051	2,114	-7.4	17.4	-3.0	1.7	5,968	5,842	2.2
812	Personal and laundry services.....	28,675	29,188	27,590	28,100	27,153	27,963	-1.8	5.8	5.6	4.4	85,453	81,863	4.4
8121	Personal care services.....	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
8122	Death care services.....	4,551	4,474	4,819	4,705	4,520	4,811	1.7	-7.2	0.7	-7.0	13,844	14,373	-3.7
8123	Drycleaning and laundry services.....	7,762	7,575	7,356	7,243	7,022	6,925	2.5	3.0	10.5	9.4	22,693	20,579	10.3
8129	Other personal services.....	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
813	Religious, grantmaking, civic, professional, and similar organizations <sup>14</sup> .....	72,039	62,668	63,376	85,712	71,676	68,855	15.0	-1.1	0.5	-9.0	198,083	204,613	-3.2

(p) Preliminary estimate. Z Absolute value is less than .05.

S Estimate does not meet publication standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see [www.census.gov/quality/guidelines/index.html](http://www.census.gov/quality/guidelines/index.html).

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html). For NAICS 52, estimates may include unrealized gains (losses).



Table 2. Selected Services - Estimated Measures of Sampling Variability  
[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
		3Q 2018 (p)	2Q 2018	1Q 2018	4Q 2017	3Q 2017	2Q 2017	3Q 2018 from 2Q 2018 (p)	2Q 2018 from 1Q 2018	3Q 2018 from 3Q 2017 (p)	2Q 2018 from 2Q 2017	Coefficient of variation		Standard error from 2017 (p)
												2018 (p)	2017	
	<b>Selected Services Total .....</b>	<b>0.9</b>	<b>0.9</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.9</b>	<b>0.8</b>	<b>0.2</b>
22	<b>Utilities .....</b>	<b>3.0</b>	<b>2.5</b>	<b>1.6</b>	<b>2.2</b>	<b>3.1</b>	<b>2.1</b>	<b>1.1</b>	<b>1.1</b>	<b>0.5</b>	<b>1.1</b>	<b>2.3</b>	<b>2.1</b>	<b>0.5</b>
2211	Electric power generation, transmission and distribution .....	3.6	3.4	2.8	3.2	3.5	2.5	1.4	1.2	0.5	1.3	3.2	2.7	0.7
2212	Natural gas distribution .....	7.9	6.7	4.8	4.5	5.3	5.7	1.6	1.4	4.1	3.7	5.8	4.8	2.5
2213	Water, sewage and other systems .....	4.5	4.9	4.9	4.6	5.3	5.1	3.2	2.7	3.0	3.4	4.5	5.4	2.7
48-49	<b>Transportation and warehousing .....</b>	<b>1.5</b>	<b>1.7</b>	<b>1.8</b>	<b>1.6</b>	<b>1.9</b>	<b>2.2</b>	<b>0.4</b>	<b>0.4</b>	<b>0.9</b>	<b>1.0</b>	<b>1.6</b>	<b>2.0</b>	<b>0.7</b>
481	Air transportation .....	1.8	2.0	1.9	1.7	1.5	1.5	0.8	0.5	2.1	1.9	1.8	1.6	1.9
483	Water transportation .....	8.2	8.3	8.8	7.8	7.9	7.7	0.2	1.0	0.5	0.8	8.4	7.7	0.7
4831	Deep sea, coastal, and Great Lakes water transportation.....	9.5	10.0	10.6	9.5	9.1	9.2	0.5	1.1	0.6	0.9	10.0	9.2	0.7
4832	Inland water transportation.....	3.5	3.6	3.9	3.7	4.6	3.7	1.6	1.7	1.8	1.2	3.5	3.9	0.9
484	Truck transportation .....	4.4	4.4	4.5	4.1	5.3	6.1	0.7	0.4	1.3	1.8	4.4	5.5	1.4
4841	General freight trucking .....	7.0	7.1	7.1	6.4	8.4	9.6	0.9	0.5	1.9	2.7	7.0	8.7	2.1
48412	General freight trucking, long-distance .....	4.4	4.3	4.0	3.9	4.1	4.0	1.0	0.7	1.8	3.1	4.2	3.9	2.5
4842	Specialized freight trucking .....	1.4	5	1.8	2.3	1.9	1.8	5	5	1.2	5	5	1.8	5
485	Transit and ground passenger transportation .....	4.8	4.3	3.6	2.5	3.4	3.7	1.2	1.4	2.3	3.0	4.2	3.4	2.2
486	Pipeline transportation .....	1.2	1.3	1.4	1.4	1.2	1.4	0.1	0.3	0.2	0.3	1.3	1.3	0.2
487	Scenic and sightseeing transportation .....	6.6	6.0	9.7	4.4	7.1	5.9	5.0	9.2	2.4	2.6	6.6	6.2	1.8
488	Support activities for transportation .....	3.6	4.0	4.1	3.6	3.3	4.0	1.5	1.0	2.2	2.7	3.8	3.6	2.0
492	Couriers and messengers .....	3.6	3.6	3.1	3.5	4.8	3.8	0.2	0.5	1.8	1.3	3.4	4.2	1.7
493	Warehousing and storage .....	6.0	6.9	6.3	5.7	5.6	5.3	1.8	1.5	2.6	3.0	6.4	5.4	2.2
51	<b>Information .....</b>	<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.5</b>	<b>1.6</b>	<b>1.4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.6</b>	<b>0.5</b>	<b>1.4</b>	<b>1.4</b>	<b>0.5</b>
511	Publishing industries (except Internet) .....	2.9	3.0	2.9	2.9	2.3	2.3	0.8	0.8	1.3	1.2	2.9	2.2	1.1
51111	Newspaper publishers .....	4.9	4.7	4.5	4.3	4.5	4.6	1.1	0.9	0.9	0.6	4.7	4.5	0.7
51112	Periodical publishers .....	5.0	5.4	5	5.0	5.3	5.3	2.9	5	1.7	1.7	5	5.0	5
5111 pt	Book, directory and mailing list, and other publishers .....	3.7	3.7	2.9	4.1	3.2	3.2	1.4	1.5	2.1	0.9	3.3	3.1	1.2
5112	Software publishers .....	3.3	3.5	3.4	3.6	2.8	2.8	0.8	1.1	1.7	1.7	3.4	2.7	1.6
512	Motion picture and sound recording industries .....	1.2	1.1	1.2	0.8	1.1	1.2	0.7	0.9	1.0	1.2	1.1	1.0	0.8
515	Broadcasting (except Internet) .....	1.0	1.2	1.2	1.0	0.9	1.0	0.6	0.3	0.4	0.6	1.1	0.9	0.4
5151	Radio and television broadcasting .....	1.9	1.6	1.6	1.9	2.0	1.8	1.2	0.5	0.8	1.3	1.6	1.8	0.8
5152	Cable and other subscription programming .....	1.4	1.4	1.5	1.4	1.4	1.4	0.1	0.1	0.1	0.1	1.4	1.4	0.2
517	Telecommunications .....	1.3	1.4	1.4	1.4	1.6	1.5	0.4	0.1	1.1	0.8	1.3	1.5	0.9
5171	Wired telecommunications carriers .....	2.0	2.2	2.1	2.1	1.9	1.7	0.3	0.1	0.3	0.6	2.1	1.7	0.5
5172	Wireless telecommunications carriers (except satellite) .....	2.2	2.3	2.4	1.9	1.8	1.8	0.6	0.1	2.3	2.2	2.3	1.8	2.2
517 pt	Other telecommunications .....	4.3	4.1	4.1	3.9	4.7	4.3	0.5	0.4	1.6	1.2	4.2	4.2	1.0
518	Data processing, hosting, and related services .....	2.8	3.0	3.2	3.2	3.1	3.5	0.2	0.6	1.5	2.4	3.0	3.4	1.7
519	Other information services.....	4.4	4.2	4.5	5.2	5.7	5.6	0.6	0.8	2.5	2.6	4.3	5.6	2.4
52	<b>Finance and insurance .....</b>	<b>2.1</b>	<b>2.2</b>	<b>1.9</b>	<b>1.8</b>	<b>1.9</b>	<b>1.9</b>	<b>0.4</b>	<b>0.3</b>	<b>0.7</b>	<b>0.5</b>	<b>2.0</b>	<b>1.9</b>	<b>0.4</b>
52 pt	Finance and insurance (except monetary authorities-central bank) .....	2.1	2.2	2.0	1.9	1.9	1.9	0.4	0.4	0.7	0.5	2.1	1.9	0.5
521	Monetary authorities-central bank.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities.....	2.0	1.8	1.9	1.9	1.9	1.9	0.7	0.5	0.8	0.8	1.9	1.9	0.7
5221	Depository credit intermediation.....	4.0	4.0	3.6	3.9	3.7	3.6	1.3	1.2	1.6	1.3	3.8	3.7	0.9
5222	Nondepository credit intermediation.....	3.7	3.5	3.3	3.1	3.3	3.3	0.3	0.5	0.9	1.2	3.5	3.4	1.0
5223	Activities related to credit intermediation.....	2.9	2.7	2.9	2.7	2.6	2.3	0.4	1.0	0.8	0.8	2.8	2.5	0.6
523	Securities, commodity contracts, and other financia investments and related activities .....	4.7	4.7	4.5	4.1	4.6	4.5	0.9	1.6	1.9	0.8	4.5	4.5	1.8
5231	Securities and commodity contracts intermediation and brokerage .....	10.0	10.1	9.3	9.1	9.0	9.3	1.3	3.6	2.4	1.0	9.6	8.8	2.9
5232	Securities and commodity exchanges .....	2	2	2	2	2	2	2	2	2	2	2	2	2
5239	Other financial investment activities .....	2.0	2.5	2.9	3.0	3.1	2.8	1.0	1.0	1.7	1.3	2.4	3.0	1.2
524	Insurance carriers and related activities .....	2.7	2.7	2.5	2.2	2.2	2.1	0.4	0.4	1.0	0.7	2.6	2.1	0.7
5241	Insurance carriers .....	3.1	3.1	3.0	2.7	2.7	2.6	0.5	0.4	1.0	0.6	3.1	2.6	0.6
5242	Agencies, brokerages, and other insurance related activities .....	2.7	2.7	2.9	2.2	2.4	2.4	0.7	0.8	1.6	1.7	2.7	2.5	1.4
53	<b>Real estate and rental and leasing .....</b>	<b>1.8</b>	<b>1.9</b>	<b>1.7</b>	<b>1.6</b>	<b>1.7</b>	<b>2.0</b>	<b>1.0</b>	<b>0.6</b>	<b>1.4</b>	<b>0.9</b>	<b>1.7</b>	<b>1.8</b>	<b>0.9</b>
531	Real estate .....	2.8	3.0	2.9	2.6	2.9	2.9	0.8	0.6	1.3	1.1	2.9	2.9	1.0
5311	Lessors of real estate.....	4.4	4.5	4.3	4.0	4.5	4.3	1.0	0.5	2.4	1.3	4.4	4.3	1.4
5312	Offices of real estate agents and brokers.....	3.4	4.1	3.2	4.3	3.2	3.6	0.9	3.0	2.0	2.5	3.5	3.3	2.0
5313	Activities related to real estate.....	5	2.5	2.7	2.5	2.2	2.1	5	1.5	5	1.9	5	2.2	5
532	Rental and leasing services .....	3.9	3.2	2.7	3.0	3.0	3.5	1.6	0.7	2.7	2.1	3.2	3.0	1.9
5321	Automotive equipment rental and leasing .....	1.9	2.0	2.2	1.7	1.8	2.8	0.4	0.3	1.1	1.7	2.0	2.4	1.5
53211	Passenger car rental and leasing.....	3.5	3.7	4.1	3.3	3.6	5.1	0.3	0.4	1.2	2.3	3.7	4.5	2.0
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing .....	3.8	3.4	3.9	4.2	3.6	4.0	1.1	0.9	1.4	1.5	3.6	3.8	1.3
5322	Consumer goods rental .....	5.8	5.0	8.1	8.2	7.0	6.7	3.3	6.7	2.8	2.7	6.0	7.4	2.7
5323	General rental centers.....	5	5	5	5	5	5	5	5	5	5	5	5	5
5324	Commercial and industrial machinery and equipment rental and leasing .....	9.5	8.0	7.3	7.6	7.8	7.9	2.9	1.9	5.4	3.4	8.1	7.6	3.3
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	5.4	5.8	5.1	4.5	6.6	5.0	2.9	3.3	1.6	1.9	5.2	5.3	1.4

Table 2. Selected Services - Estimated Measures of Sampling Variability  
[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
		3Q 2018 (p)	2Q 2018	1Q 2018	4Q 2017	3Q 2017	2Q 2017	3Q 2018 from 2Q 2018 (p)	2Q 2018 from 1Q 2018	3Q 2018 from 3Q 2017 (p)	2Q 2018 from 2Q 2017	Coefficient of variation		Standard error from 2017 (p)
												2018 (p)	2017	
54	Professional, scientific, and technical services .....	2.5	2.1	1.7	1.9	1.8	1.7	0.8	0.6	1.2	0.9	2.1	1.7	0.8
5411	Legal services .....	3.9	4.0	3.3	3.9	2.7	2.3	2.1	2.4	2.4	2.6	3.6	2.5	1.5
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	2.1	2.6	1.1	2.9	2.3	1.9	1.2	1.5	1.0	1.4	1.8	1.8	1.1
5413	Architectural, engineering, and related services .....	4.4	3.7	3.7	3.4	3.6	3.9	1.3	1.2	1.5	1.5	3.8	3.6	1.4
5413 pt	Architectural and related services .....	6.2	5.5	4.2	6.3	5.8	6.8	3.0	3.1	5.5	3.4	5.0	6.3	2.2
54133	Engineering services .....	4.3	4.3	4.6	3.5	4.2	3.6	1.9	1.6	1.5	1.9	4.3	3.7	1.4
5414	Specialized design services.....	3.0	5.2	3.7	5.8	5.1	4.1	4.5	6.0	5.3	5.8	3.2	3.7	3.3
5415	Computer systems design and related services .....	2.5	1.9	1.2	1.8	2.4	2.4	1.5	1.3	3.7	2.1	1.7	2.2	2.2
5416	Management, scientific, and technical consulting services .....	3.8	4.1	4.1	4.1	3.4	2.6	1.3	1.7	1.8	2.4	3.9	2.9	1.8
5417	Scientific research and development services .....	8.2	8.2	8.3	7.3	8.5	7.4	0.9	2.0	1.8	1.2	8.2	7.8	0.8
5418	Advertising, public relations, and related services .....	2.2	2.2	2.1	1.6	1.6	1.9	0.4	0.6	1.3	1.2	2.2	1.8	1.1
5419	Other professional, scientific, and technical services.....	S	4.8	5.2	4.5	5.0	4.4	S	1.4	S	3.2	S	4.6	S
56	Administrative and support and waste management and remediation services .....	2.8	2.4	2.4	2.4	2.5	2.3	0.7	0.7	1.7	1.2	2.5	2.2	1.2
561	Administrative and support services .....	3.2	2.8	2.6	2.6	2.7	2.4	0.7	0.8	1.7	1.2	2.8	2.4	1.2
5613	Employment services .....	5.9	5.0	4.6	4.3	4.8	4.5	1.5	1.5	2.3	1.8	5.2	4.4	2.0
5615	Travel arrangement and reservation services .....	3.7	3.6	4.2	4.0	4.2	3.5	1.4	2.1	1.1	2.2	3.7	3.6	1.7
561 pt	Other administrative and support services .....	2.9	2.8	2.9	2.9	2.9	2.2	0.8	1.0	2.2	1.4	2.8	2.7	1.3
562	Waste management and remediation services .....	1.9	1.9	1.9	2.3	3.4	2.9	0.8	1.1	2.0	1.6	1.8	3.0	1.5
61	Educational services .....	4.5	4.0	4.0	2.8	3.0	1.9	2.2	2.7	2.8	2.7	4.0	2.2	2.2
6114	Business schools and computer and management training .....	7.5	7.4	8.2	7.3	7.1	6.1	4.2	3.2	4.5	5.6	7.3	6.6	4.1
6115	Technical and trade schools .....	4.8	5.7	5.9	6.3	4.4	5.4	3.7	3.3	3.5	4.7	5.3	4.9	3.7
6116	Other schools and instruction.....	7.9	7.2	7.3	7.7	7.1	S	3.7	4.1	5.9	S	7.0	S	S
6117	Educational support services .....	6.1	4.2	3.1	4.7	6.0	2.8	2.7	2.1	2.8	3.2	4.3	3.4	2.5
62	Health care and social assistance .....	1.5	1.5	1.4	1.3	1.3	1.4	0.2	0.2	0.4	0.5	1.5	1.3	0.4
621	Ambulatory health care services .....	1.4	1.4	1.4	1.3	1.3	1.2	0.4	0.2	0.8	0.8	1.4	1.2	0.7
6211	Offices of physicians.....	2.7	2.7	2.6	2.4	2.4	2.7	0.9	0.3	1.7	1.2	2.6	2.5	1.3
6212	Offices of dentists.....	S	3.9	4.3	4.2	4.0	3.1	S	1.1	S	1.4	S	S	S
6213	Offices of other health practitioners .....	S	5.1	4.1	4.4	3.9	S	S	1.7	S	S	S	S	S
6214	Outpatient care centers .....	2.3	2.8	2.6	3.4	2.9	2.6	0.6	0.4	1.1	0.7	2.6	2.7	0.6
6215	Medical and diagnostic laboratories .....	4.0	4.2	3.9	3.6	3.2	3.2	0.5	0.4	1.5	2.5	4.0	3.2	2.0
6216	Home health care services .....	6.6	6.5	6.6	6.6	6.1	5.9	0.9	0.9	2.0	1.6	6.6	5.9	1.8
6219	Other ambulatory health care services .....	4.3	4.2	4.2	4.0	3.5	3.6	0.7	0.8	1.1	1.5	4.2	3.5	1.1
622	Hospitals .....	2.7	2.6	2.6	2.4	2.5	2.5	0.2	0.3	0.6	0.5	2.6	2.5	0.4
6221	General medical and surgical hospitals.....	2.7	2.6	2.6	2.3	2.4	2.5	0.2	0.3	0.6	0.5	2.6	2.5	0.4
6222	Psychiatric and substance abuse hospitals.....	5.3	5.6	5.3	4.9	5.2	5.8	1.2	1.2	1.6	1.1	5.3	5.4	1.0
6223	Specialty (except psychiatric and substance abuse) hospitals.....	7.0	6.8	6.6	7.5	7.6	7.1	0.5	0.5	0.9	0.6	6.8	7.3	0.6
623	Nursing and residential care facilities .....	2.0	1.8	2.1	1.8	2.0	2.4	0.4	0.5	0.8	1.4	2.0	2.1	1.0
624	Social assistance .....	2.6	1.9	2.3	2.2	2.6	2.1	1.0	1.2	1.6	1.5	2.2	2.1	1.1
6241	Individual and family services.....	4.5	3.7	4.4	3.7	3.7	3.7	1.2	1.6	2.1	2.8	4.2	3.6	1.7
6242	Community food and housing, and emergency and other relief services .....	6.2	6.2	4.6	6.2	6.1	6.3	2.7	1.9	3.9	2.8	5.6	5.8	2.8
6243	Vocational rehabilitation services .....	11.0	10.2	10.1	11.3	10.9	9.3	1.1	1.6	1.2	1.3	10.4	9.5	1.1
6244	Child day care services .....	4.9	5.4	5.7	4.9	5.7	4.2	1.5	1.0	3.4	2.4	5.3	4.5	2.6
71	Arts, entertainment, and recreation.....	2.7	2.5	2.8	2.6	2.3	2.4	2.1	1.5	1.6	2.2	2.5	2.3	1.9
711	Performing arts, spectator sports, and related industries .....	2.2	4.6	5.0	2.3	1.3	3.0	4.5	4.1	2.4	4.7	3.2	2.5	2.4
7111	Performing arts companies.....	4.5	2.8	4.7	4.3	5.5	4.6	6.2	6.8	5.1	6.4	2.6	3.5	3.0
7112	Spectator sports.....	3.6	9.4	10.1	3.2	3.2	3.3	6.4	7.7	1.1	8.0	6.5	3.8	3.3
7113	Promoters of performing arts, sports, and similar events.....	4.8	7.0	7.7	5.5	5.1	6.2	5.1	6.0	2.7	4.6	5.8	5.6	3.3
7114	Agents and managers for artists, athletes, entertainers, and other public figures .....	S	3.8	8.9	5.6	3.6	4.9	S	5.6	S	4.9	S	4.3	S
7115	Independent artists, writers, and performers.....	5.6	9.8	6.1	7.7	9.4	8.7	9.3	7.3	10.0	7.7	6.3	7.7	5.4
712	Museums, historical sites, and similar institutions.....	5.6	4.0	6.4	8.6	9.0	9.0	2.3	5.0	6.5	5.3	4.8	9.7	5.1
713	Amusement, gambling, and recreation industries.....	4.8	4.7	5.3	5.1	4.3	4.3	1.5	1.6	1.7	1.1	4.9	4.5	1.6
7131	Amusement parks and arcades.....	6.1	5.9	3.8	2.8	5.9	6.2	3.4	3.6	1.3	1.4	5.3	4.9	1.0
7132	Gambling industries.....	14.0	13.9	15.5	14.7	13.8	13.6	0.8	1.8	1.0	1.1	14.5	13.9	1.2
7139	Other amusement and recreation industries.....	S	S	2.9	3.7	2.2	1.8	S	S	S	S	S	2.2	S
721	Accommodation .....	1.1	1.1	1.2	1.4	1.4	1.6	0.5	0.5	0.8	1.0	1.1	1.4	0.9
7211	Traveler accommodation .....	1.1	1.1	1.2	1.5	1.4	1.7	0.6	0.5	0.8	1.0	1.1	1.4	0.8
7212	RV (recreational vehicle) parks and recreational camps .....	6.6	4.6	5.6	5.4	5.3	5.4	5.0	7.5	6.1	5.5	4.8	4.5	4.6
7213	Rooming and boarding houses .....	3.3	5.8	6.6	7.5	3.4	9.2	5.8	3.0	4.1	8.7	4.7	5.2	3.3

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2018 (p)	2Q 2018	1Q 2018	4Q 2017	3Q 2017	2Q 2017	3Q 2018 from 2Q 2018 (p)	2Q 2018 from 1Q 2018	3Q 2018 from 3Q 2017 (p)	2Q 2018 from 2Q 2017	2018 (p)	2017	2018 from 2017 (p)
81	Other services (except public administration) .....	2.2	2.4	3.9	2.6	1.8	2.4	1.5	1.8	1.5	0.9	2.7	1.8	1.3
811	Repair and maintenance .....	3.8	3.8	4.0	4.1	4.8	3.6	1.0	1.3	1.4	1.5	3.8	4.0	1.1
8111	Automotive repair and maintenance .....	S	S	6.9	7.2	7.7	6.8	S	S	S	S	S	7.1	S
8112	Electronic and precision equipment repair and maintenance .....	3.0	4.2	4.3	3.8	4.7	5.3	1.8	2.4	3.9	4.6	3.7	4.7	3.8
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	9.5	10.4	9.7	10.2	10.0	8.9	2.0	4.1	4.8	5.4	9.8	8.8	3.6
8114	Personal and household goods repair and maintenance .....	9.8	9.3	8.2	9.2	7.8	8.8	4.1	2.9	5.1	5.7	8.9	7.9	4.2
812	Personal and laundry services.....	3.6	3.1	2.5	2.7	2.9	3.0	1.1	1.1	2.0	1.3	3.0	2.8	1.4
8121	Personal care services.....	S	S	S	S	S	S	S	S	S	S	S	S	S
8122	Death care services.....	4.4	4.1	4.8	4.9	4.0	4.6	2.1	1.9	3.4	2.4	4.3	4.1	2.5
8123	Drycleaning and laundry services.....	5.9	6.0	6.0	5.1	4.6	4.6	2.4	0.6	4.7	3.8	5.8	4.7	3.9
8129	Other personal services.....	S	S	S	S	S	S	S	S	S	S	S	S	S
813	Religious, grantmaking, civic, professional, and similar organizations .....	3.1	3.6	7.3	4.4	2.1	4.5	3.9	3.9	3.3	1.8	4.3	2.9	2.3

(p) Preliminary estimate. Z Absolute value is less than .05  
S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.  
D Corresponding estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher level total

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

## EXPLANATORY NOTES

### Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	30
22	Utilities	8
48-49	Transportation and warehousing	29
51	Information	24
52	Finance and insurance	18
53	Real estate and rental and leasing	41
54	Professional, scientific, and technical services	40
56	Administrative and support and waste management and remediation services	43
61	Educational services	45
62	Health care and social assistance	40
71	Arts, entertainment, and recreation	39
721	Accommodation	37
81	Other services (except public administration)	44

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at [www.census.gov/services/](http://www.census.gov/services/).

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## Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each non-advance quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see [www.census.gov/services/qss/qssseasfactors.xls](http://www.census.gov/services/qss/qssseasfactors.xls). A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at [www.census.gov/services/qss/seasonally adjusted\\_faqs](http://www.census.gov/services/qss/seasonally_adjusted_faqs).

## Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Table 2 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the "margin of error." The margin of

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error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is  $\pm 1.5$  percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at [www.census.gov/services/qss/qstechdoc](http://www.census.gov/services/qss/qstechdoc).

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